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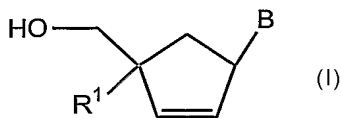
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(54) Title: 4'-SUBSTITUTED CARBOVIR-AND ABACAVIR-DERIVATIVES AS WELL AS RELATED COMPOUNDS WITH HIV AND HCV ANTIVIRAL ACTIVITY



(57) Abstract: The application relates to compounds with activity against infectious viruses. Accordingly, in one embodiment the invention provides a compound of the invention which is a compound of Formula I: (I) wherein: B is adenine, guanine, cytosine, uracil, thymine, 7-deazaadenine, 7-deazaguanine, 7-deaza-8-azaguanine, 7-deaza-8-azaadenine, inosine, nebularine, nitropyrrole, nitroindole, 2-aminopurine, 2-amino-6-chloropurine, 2,6-diaminopurine, hypoxanthine, pseudouridine, pseudocytosine, pseudoisocytosine, 5-propynylcytosine, isocytosines, isoguanine, 7-deazaguanine, 2-thiopyrimidine, 6-thioguanine, 4-thiothymine, 4-thiouracil, O⁶-methylguanine, N⁶-methyladenine, O⁴-methylthymine, 5,6-dihydrothymine, 5,6-dihydrouracil, 4-methylindole, triazole, or pyrazolo[3,4-d]pyrimidine; and B is optionally substituted with one or more alkyl, alkenyl, alkynyl, cycloalkyl, (cycloalkyl)alkyl, hydroxy, or halo; and R¹ is alkyl, alkenyl, alkynyl, cyano, azido, or fluoromethyl; or a pharmaceutically acceptable salt or solvate thereof.